

Office Action Response
Serial No. 09/663,864
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B1 Materials, Inc., of Santa Clara, CA. This patent application is incorporated herein by reference as if fully reproduced herein.

Page 6, beginning line 25 through page 7, line 7:

The electrode 73 that is embedded in the chuck 220 is electrically coupled to the chucking and biasing power sources 32 and 30, via the electrical coupler 230. Specifically, the upper male connector 231 is inserted into the upper portion 232 of the electrical coupler 230 disposed in the cooling plate 167, in blind assembly of the chuck body 162, along path 214 as shown in FIG. 2. The chucking power supply 32 and a biasing power supply 30 are each coupled to the electrical coupler 230 via a lower male connector 233. The lower male connector 233 is a solid, generally cylindrical connector member having a generally conical or tapered distal end. In the preferred embodiment the lower male connector 233 is copper or beryllium copper. Furthermore, the lower male connector 233 is inserted into a female counterpart at a lower end 235 of the electrical coupler 230 along path 216 as shown by the arrows in FIG. 2. In this manner, RF biasing power from the biasing power supply 30 and DC chucking voltage from the chucking power supply 32 are supplied to the embedded electrode 73 via the electrical coupler 230.

IN THE CLAIMS

Please replace claim 1 as rewritten below:

- B2
B3 C1
1. (Amended) An electrical coupler, comprising:
an electrically conductive inner connector element having opposing ends;
an upper end connector and a lower end connector; each end connector
respectively coupled to one of said opposing ends of said inner connector element;
a thermally conductive flange circumscribing said inner connector; and
an electrically non-conductive outer connector element disposed over said
electrically conductive inner connector and said thermally conductive flange.